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64.

A transmitter according to claim 56 wherein the antenna is a tunable coil.

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65.

An identification system including a transmitter according to claim 56. 23

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A system according to claim 67, configured for identifying luggage.

67.

A transmitter including:

a first antenna;

an oscillator for providing a carrier signal; and

a mixer for imposing a phase modulation of less than 90° on the carrier signal in accordance with a data signal to create a modulated signal, the mixer also providing the modulated signal to the first antenna for transmission, wherein the modulated signal has a carrier frequency and sidebands, the sidebands being substantially lower in amplitude than the carrier frequency.

68.

A transmitter including:

a first antenna;

an oscillator for providing a carrier signal; and

a mixer for imposing a phase modulation on the carrier signal in accordance with a data signal to create a modulated signal having a carrier and sidebands, the amount of phase modulation being selected such that the amplitude of the sidebands is substantially lower than that of the carrier, the mixer also providing the modulated signal to the first antenna for transmission.

REMARKS

This application was filed under 35 U.S.C. 371. This National filing is being made after preliminary examination under Chapter II.

The specification and the claims were amended during Chapter II. The amendments to the specification made herein are the same as those made during preliminary examination in Chapter II, and are being requested again in this First Preliminary Amendment to ensure that the amendments were entered during Chapter II.

The claims were also amended during preliminary examination in Chapter II. By this First Preliminary Amendment, Applicants seek to replace those amended claims with the new claims set forth above.

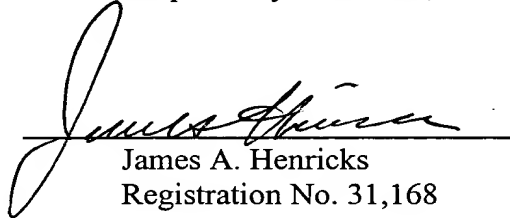
Please consider the claims and the rest of the application in view of the foregoing amendments and remarks. Early notice of allowance of the claims is respectfully requested.

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Please charge any additional fee that may be due or credit any overpayment to our deposit Account No. 50-0655. A duplicate copy of this Petition is enclosed.

Respectfully submitted,

Dated: June 23, 2000


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